5

15

## References

- Allen, R.D., Y. Kasukabe, I. Ihara, and Y. Maekawa, 2002, Cotton plants with improved fiber characteristics and method for producing cotton fibers from these cotton plants, U.S. Patent Application No. US 2002/0049999 A1.
- Boisset, C., C. Pétrequin, H. Chanzy, B. Henrissat and M. Schülein, 2001, Optimized Mixtures of Recombinant *Humicola insolens* Cellulases for the Biodegradation of Crystalline Cellulose, BIOTECHNOLOGY AND BIOENGINEERING 72: 339-345.
- 10 Buchala, A. J. and H. Meier, 1981, An Arabinogalactan From The Fibres Of Cotton (*Gossypium arboreum* L.), Carbohydrate Research 89:137-143.
  - Bucheli, P., A. J. Buchala and H. Meier, 1987, Aurolysis in viotro of Cotton (*Gossypium hirsutum*) Fibre Cell Walls, Physiol. Plantarum 70:633-638.
  - Bucheli, P., M. Dürr, A. J. Buchala and H. Meier, 1985, ß-Glucanases in Developing Cotton (*Gossypium hirsutum* L.) Fibres, Planta 166:530-536.
- Haigler, C.H. and A.S. Holaday, 2002, Transgenic cotton plants with altered fiber characteristics transformed with a sucrose phosphate synthase nucleic acid, U.S. Patent No. US 6,472,588 B1.
  - Liu, S.,S. Saha, D. Stelly, B. Burr, and R. G. Cantrell. 2000. Chromosomal assignment of microsatellite loci in cotton. J. Heredity 91:326-32.
- Lewis, H. L. and C. R. Benedict, 1994, Biochemistry of Cotton, Biochemistry of Cotton Workshop (Jividen, G.M. and C. R. Benedict, eds.) Galveston, TX, pp212-123.
  - Lee, I., B. R. Evans, J. Woodward, 2000, The mechanism of cellulase action on cotton fibers:evidence from atomic force microscopy, Ultramicroscopy 82:213-221.
- 30 Meinert, M.C. and Delmer, D.P., 1977, Changes in Biochemical Composition of the Cell Wall of the Cotton Fiber During Development, Plant Physiol. 59, 1088-1097.
- Mølhøj, M, Pagant, S and H. Höfte, 2002, Towards Understanding the Role of Membrane-bound Endo-ß-1,4-glucanases in Cellulose Biosynthesis., Plant Cell Physiol. 43(12): 1399–1406.

15

20

35

- Murray, A.K., R. L. Nichols, and G. F. Sassenrath-Cole, 2001, Cell Wall Biosynthesis: Glycan Containing Oligomers in Developing Cotton Fibers, Cotton Fabric, Wood and Paper Phytochemistry, 57(6):975-986.
- Peng, L., F. Xiang, E. Roberts, Y. Kawagoe, L. C. Greve, K. Kreuz and D. P. Delmer, 2001, The Experimental Herbicide CGA 325'615 Inhibits Synthesis of Cryastalline Cellulose and Causes Accumulation of Non-Crystaline ß-1,4-glucan Associated with CesA Protein, *Plant Physiol*. 126:981-992.
- 10 Pere, J., A. Puolakka, P. Nousiainen and J. Buchert, 2001, Action of purified *Trichoderma reesei* cellulases on cotton fibers and yarn, Journal of Biotechnology 89:247–255.
  - Ruan, Y-L., R. Furbank, D. Llewellyn, 2002, Modification of sucrose synthase gene expression in plant tissue and uses therefore, U.S. Patent Application No. US 2002/0116736 A1.
  - Saloheimo, M., M. Paloheimo, S. Hakola, J. Pere, B. Swanson, E. Nyyssönen, A. Bhatia, M. Ward and M. Penttilä, 2002, Swollenin, a *Trichoderma reesei* protein with sequence similarity to the plant expansins, exhibits disruption activity on cellulosic materials, Eur. J. Biochem. 269, 4202–4211.
  - Swanson, B.A., M. Ward, M. Penttilä, J. Pere, and M. Saloheimo, 2002, Microbial swollenin protein, DNA sequences encoding such swollenins and a method of producing such swollenins, U.S. Patent No. 6,458,928 B1.
- 25 Totani, K., N. Yasutake, H. Ohi, T. Murata, and T. Usui, 2001, Enzymatic Synthesis of Aliphatic b-Lactosides as Mimic Units of Glycosphingolipids by Use of *Trichoderma reesei* Cellulase, Archives of Biochemistry and Biophysics 385:70–77.
- Shappley, Z. W., J. N. Jenkins, J. Zhu, and J. C. McCarty, Jr., 1998.

  Cotton Improvement, Quantitative Trait Loci Associated with Agronomic and Fiber Traits of Upland Cotton, *J. Cotton Science* 2:153-163.
  - Ulloa, M. and W. R. Meredith, Jr., 2000. Breeding & Genetics, Genetic Linkage Map and QTL Analysis of Agronomic and Fiber Quality Traits in an Intraspecific Population, *J. Cotton Science* 4:161-170.
  - Väljamäe, P., G. Pettersson and G. Johansson, 2001. Mechanism of substrate inhibition in cellulose synergistic degradation, Eur. J. Biochem. 268, 4520-4526.